

AMENDMENTS TO THE ABSTRACT

A substitute Abstract of the Disclosure is attached below. Please replace the current Abstract of the Disclosure in its entirety with the following new substitute Abstract of the Disclosure, submitted in clean-text form.

ABSTRACT

A solid-state imaging apparatus includes unit pixels arranged in a two-dimensional array. Each unit pixel includes a light-collector and light-receiver. The light-collector includes light-transmitting films that form a refractive index distribution and multiple zones, each of which has a width equal to or shorter than a wavelength of incident light. For each central unit pixel, a center axis of the light-receiver matches a central axis of the light-collector. For each peripheral unit pixel, a central axis of the light-collector is displaced from the central axis of the light-receiver toward the center of the imaging area. The line width of each light-transmitting film of a central unit pixel is different than the line width of each light-transmitting film of a peripheral unit pixel in a same relative position, and the sum of line widths of the central unit pixel differs from the sum of line widths of the peripheral unit pixel.